

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	44496	"369".clas.	US-PGPUB; USPAT	OR	ON	2007/02/05 14:17
S2	512	369/44.27.ccls.	US-PGPUB; USPAT	OR	ON	2007/02/05 14:18
S3	924	369/44.29.ccls.	US-PGPUB; USPAT	OR	ON	2007/02/05 14:18
S4	446	369/53.28.ccls.	US-PGPUB; USPAT	OR	ON	2007/02/05 14:18
S6	30	(working near2 range) near10 (objective near2 lens)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/02/05 14:31
S7	66946	(objective near2 lens)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/02/05 17:03
S8	337	(working near2 range) near3 set\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/02/05 14:20
S9	3	((working near2 range) near3 set\$4) near10 (objective near2 lens)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/02/05 14:21
S10	3	((working near2 range) near5 set\$4) near10 (objective near2 lens)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/02/05 14:21
S11	3	((working near2 range) near5 set\$4) near20 (objective near2 lens)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/02/05 16:08
S13	25	((mov\$5 or motion) near2 range) near5 set\$4) near20 (objective near2 lens)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/02/05 16:08
S15	29	temporar\$5 near10 (lens or (objective near2 lens)) near10 voltage	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/02/05 16:17
S16	4	temporar\$5 near10 (lens or (objective near2 lens)) near10 ((bottom\$4 or top or mid or lower\$4 or upper\$4) near2 point)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/02/05 14:25
S17	6	temporar\$5 with (lens or (objective near2 lens)) with ((bottom\$4 or top or mid or lower\$4 or upper\$4) near2 point)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/02/05 14:26
S19	2577	(lens or (objective near2 lens)) near5 ((bottom\$4 or top or mid or lower\$4 or upper\$4 or natural) near2 (point or position))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/02/05 14:27
S21	125	(lens or (objective near2 lens)) near5 ((bottom\$4 or top or mid or lower\$4 or upper\$4 or natural) near2 (point or position)) near5 (set\$4 or initial\$8)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/02/05 16:22

EAST Search History

S26	99	focus\$4 near3 search\$3 near3 driv\$4 near3 (signal or voltage)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/02/05 16:25
S27	51	S26 same S7	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/02/05 16:39
S28	158	focus\$4 near3 search\$3 near3 (range or stroke)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/02/05 16:43
S30	293	position\$3 with displace\$5 with (objective near2 lens) with focus	US-PGPUB; USPAT	OR	ON	2007/02/05 16:49
S31	3	position\$3 with displace\$5 with (objective near2 lens) with (focus near2 search\$4)	US-PGPUB; USPAT	OR	ON	2007/02/05 16:50
S32	132	(initial\$8 near2 (position or displace\$5)) near5 S7	US-PGPUB; USPAT	OR	ON	2007/02/05 16:51
S33	2677324	midpoint or (mid near2 point) or middle or neutral or null or center or central	US-PGPUB; USPAT	OR	ON	2007/02/05 16:59
S34	15	S32 with S33	US-PGPUB; USPAT	OR	ON	2007/02/05 16:54
S35	15218	natural with S33	US-PGPUB; USPAT	OR	ON	2007/02/05 16:54
S36	2	S35 same (focus\$4 near2 search\$4)	US-PGPUB; USPAT	OR	ON	2007/02/05 16:55
S37	178	S33 same (focus\$4 near2 search\$4)	US-PGPUB; USPAT	OR	ON	2007/02/05 16:55
S38	13	S33 same (focus\$4 near2 search\$4) same (objective near2 lens)	US-PGPUB; USPAT	OR	ON	2007/02/05 16:56
S39	1512	(midpoint or (mid near2 point) or middle or neutral or null or center or central or natural) with focus\$4 with (objective near2 lens)	US-PGPUB; USPAT	OR	ON	2007/02/05 16:59
S40	864	(midpoint or (mid near2 point) or middle or neutral or null or center or central or natural) near10 focus\$4 near10 (objective near2 lens)	US-PGPUB; USPAT	OR	ON	2007/02/05 17:00
S41	420	S40 and S1	US-PGPUB; USPAT	OR	ON	2007/02/05 17:00
S42	893	(objective near2 lens) near5 (position or location) near5 (set\$4 or initial\$8)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/02/05 17:49
S43	61	S42 and (focus near2 search)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/02/05 17:04
S45	326	S42 and (focus\$4 near2 (search\$4 or control))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/02/05 17:04
S46	70	S42 and (focus\$4 near2 search\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/02/05 17:10

EAST Search History

S47	611	((auto\$4 or automatic\$4) near2 focus\$4) near5 (objective near2 lens)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/02/05 17:11
S48	79	S47 and S1	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/02/05 17:21
S49	21	(objective near2 lens) with (locat\$4 or position) with S33 with focus with (start or begin or initial\$8 or set\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/02/05 17:26
S50	285	(objective near2 lens) with (locat\$4 or position) with S33 with focus	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/02/05 17:27
S51	310	(objective near2 lens) with (locat\$4 or position\$3) with S33 with focus	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/02/05 17:26
S52	166	S50 and S1	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/02/05 17:43
S53	0	"200400196769"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/02/05 17:43
S54	1	"20040196769"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/02/05 17:48
S55	1	"20060239160"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/02/05 17:48
S56	24	(objective near2 lens) near5 standby	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/02/05 17:52
S57	0	(objective near2 lens) near5 (stand near2 by)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/02/05 17:52
S58	2	(objective near2 lens) near5 (reserve)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/02/05 17:53
S59	362	(objective near2 lens) near5 neutral	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/02/05 17:53
S60	177	(objective near2 lens) near2 neutral	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/02/05 17:53
S61	11	((objective near2 lens) near2 (neutral or natural) near2 (point or position or location)) with focus	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/02/05 17:54

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	44516	"369".clas.	US-PGPUB; USPAT	OR	ON	2007/02/07 09:41
L2	512	369/44.27.ccls.	US-PGPUB; USPAT	OR	ON	2007/02/07 09:41
L3	924	369/44.29.ccls.	US-PGPUB; USPAT	OR	ON	2007/02/07 09:41
L4	446	369/53.28.ccls.	US-PGPUB; USPAT	OR	ON	2007/02/07 09:41
L6	2664	focus\$4 near2 search\$4	US-PGPUB; USPAT	OR	ON	2007/02/07 09:43
L9	4814	(midpoint or (mid near2 point) or middle or neutral or null or center or central or natural) near10 (objective near2 lens)	US-PGPUB; USPAT	OR	ON	2007/02/07 10:05
L10	54	L9 and L6 and L1	US-PGPUB; USPAT	OR	ON	2007/02/07 10:03
L12	8	L9 same L6	US-PGPUB; USPAT	OR	ON	2007/02/07 10:06
L13	2965036	(midpoint or (mid near2 point) or middle or neutral or null or center or central or natural)	US-PGPUB; USPAT	OR	ON	2007/02/07 10:05
L14	206	L13 same L6	US-PGPUB; USPAT	OR	ON	2007/02/07 10:07
L15	50	(L13 same L6) and L1	US-PGPUB; USPAT	OR	ON	2007/02/07 10:07
L16	34	(L13 same L6) and (L2 or L3 or L4)	US-PGPUB; USPAT	OR	ON	2007/02/07 11:08
L18	4	("6192010" "6392971" "6434094" "6449232").PN.	US-PGPUB; USPAT	OR	ON	2007/02/07 11:02
L19	2204870	stor\$4 or memory or ram or rom	US-PGPUB; USPAT	OR	ON	2007/02/07 11:05
L20	201	(lens or (objective near2 lens)) near5 ((bottom\$4 or top or mid or middle or center or lower\$4 or upper\$4 or natural) near2 (point or postion)) near5 (set\$4 or initial\$8 or reference)	US-PGPUB; USPAT	OR	ON	2007/02/07 11:06
L21	1	L19 near10 L20	US-PGPUB; USPAT	OR	ON	2007/02/07 11:05
L22	3	L19 same L20	US-PGPUB; USPAT	OR	ON	2007/02/07 11:06
L23	573	(lens or (objective near2 lens)) with ((bottom\$4 or top or mid or middle or center or lower\$4 or upper\$4 or natural) near2 (point or postion)) with (set\$4 or initial\$8 or reference)	US-PGPUB; USPAT	OR	ON	2007/02/07 11:16
L24	17	L19 same L23	US-PGPUB; USPAT	OR	ON	2007/02/07 11:07
L25	144	L19 with L6	US-PGPUB; USPAT	OR	ON	2007/02/07 11:07

EAST Search History

L26	33	L25 and (L2 or L3 or L4)	US-PGPUB; USPAT	OR	ON	2007/02/07 12:59
L27	55	L25 and (L1)	US-PGPUB; USPAT	OR	ON	2007/02/07 11:15
L29	6177	(lens or (objective near2 lens)) same (bottom\$4 or top upward or downward or up or down or mid or middle or midway or center or lower\$4 or upper\$4 or natural or reference or min\$5 or max\$5) same L19 same (focus\$4 or (focus\$4 near2 search\$4))	US-PGPUB; USPAT	OR	ON	2007/02/07 11:54
L30	173	L29 and (L2 or L3 or L4)	US-PGPUB; USPAT	OR	ON	2007/02/07 11:23
L31	5	(temporar\$5) with (top\$4 or bottom\$4 or up\$4 or down\$4 or lower\$4 or upper\$4 or min\$5 or max\$5) with ((focus\$4 near2 (search\$4 or driv\$4)) or (focus\$4 near2 driv\$4 near2 (voltage or signal)))	US-PGPUB; USPAT	OR	ON	2007/02/07 13:01
L32	3	(temporar\$5) near10 (top\$4 or bottom\$4 or up\$4 or down\$4 or lower\$4 or upper\$4 or min\$5 or max\$5) near5 ((focus\$4 near2 (search\$4 or driv\$4)) or (focus\$4 near2 driv\$4 near2 (voltage or signal)))	US-PGPUB; USPAT	OR	ON	2007/02/07 12:13
L33	1	(provisional\$3 or momentar\$5) with (top\$4 or bottom\$4 or up\$4 or down\$4 or lower\$4 or upper\$4 or min\$5 or max\$5) with (((focus\$4 near2 (search\$4 or driv\$4)) or (focus\$4 near2 driv\$4 near2 (voltage or signal))))	US-PGPUB; USPAT	OR	ON	2007/02/07 12:14
L34	3	(temporar\$5 or provisional\$3 or momentar\$5) near5 (focus\$4 near2 driv\$4 near2 (voltage or signal))	US-PGPUB; USPAT	OR	ON	2007/02/07 12:28
L36	6	(temporar\$5 or provisional\$3 or momentar\$5 or interim) with (focus\$4 near2 driv\$4 near2 (voltage or signal))	US-PGPUB; USPAT	OR	ON	2007/02/07 12:17
L37	10	(temporar\$5 or provisional\$3 or momentar\$5 or interim) with (focus\$4 near2 search\$4)	US-PGPUB; USPAT	OR	ON	2007/02/07 12:19
L38	715	(temporar\$5 or provisional\$3 or momentar\$5 or interim) with (bottom\$4 or top upward or downward or up or down or mid or middle or midway or center or lower\$4 or upper\$4 or natural or reference or min\$5 or max\$5) with (lens or (objective near2 lens))	US-PGPUB; USPAT	OR	ON	2007/02/07 12:22
L39	52	L38 and L1	US-PGPUB; USPAT	OR	ON	2007/02/07 12:25
L40	11	L38 and L6 and L1	US-PGPUB; USPAT	OR	ON	2007/02/07 12:22
L41	9	(temporar\$5 or provisional\$3 or momentar\$5) with focus\$4 with threshold with (voltage or signal)	US-PGPUB; USPAT	OR	ON	2007/02/07 12:29

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L42	28	(focus\$4 and search\$4).ti.	US-PGPUB; USPAT	OR	ON	2007/02/07 12:58
L47	3	(temporar\$5) with (top\$4 or bottom\$4 or up\$4 or down\$4 or lower\$4 or upper\$4 or min\$5 or max\$5) with ((focus\$4 near2 (search\$4 or driv\$4)) or (focus\$4 near2 driv\$4 near2 (voltage or signal)))	EPO; JPO	OR	ON	2007/02/07 13:31
L49	1	10/677147	US-PGPUB; USPAT	OR	ON	2007/02/07 15:27

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	10/799757	US-PGPUB; USPAT	OR	ON	2007/01/18 16:42
S2	2	("20040081037" "5912867").PN.	US-PGPUB; USPAT	OR	ON	2007/01/18 16:43
S5	4	"1460618" "1408488" "840304" "315470"	EPO	OR	ON	2007/01/18 16:45
S8	7	"5808993"	US-PGPUB; USPAT	OR	ON	2007/01/18 16:51
S11	10	"6058082"	US-PGPUB; USPAT	OR	ON	2007/02/04 14:00
S12	3	"6449232"	US-PGPUB; USPAT	OR	ON	2007/02/04 14:00
S13	1835	focus near2 search\$3	US-PGPUB; USPAT	OR	ON	2007/02/04 16:08
S16	8	"6278672"	US-PGPUB; USPAT	OR	ON	2007/02/04 14:13
S19	512	369/44.27.ccls.	US-PGPUB; USPAT	OR	ON	2007/02/04 14:19
S20	924	369/44.29.ccls.	US-PGPUB; USPAT	OR	ON	2007/02/04 14:19
S21	446	369/53.28.ccls.	US-PGPUB; USPAT	OR	ON	2007/02/04 14:19
S22	186	S13 and (S19 or S20 or S21)	US-PGPUB; USPAT	OR	ON	2007/02/04 14:56
S23	18	(focus near2 search\$3) near2 (reduc\$5 or short\$6 or low\$6 or decreas\$4) near2 time	US-PGPUB; USPAT	OR	ON	2007/02/04 15:12
S24	97	focus near2 search\$3 near2 time	US-PGPUB; USPAT	OR	ON	2007/02/04 15:15
S26	73	(focus near2 search\$3) with (reduc\$5 or short\$6 or low\$6 or decreas\$4) with time	US-PGPUB; USPAT	OR	ON	2007/02/04 17:15
S28	84	(focus near2 search\$3) with (driv\$3 near2 signal)	US-PGPUB; USPAT	OR	ON	2007/02/04 15:15
S29	48	(focus near2 search\$3) near2 (driv\$3 near2 signal)	US-PGPUB; USPAT	OR	ON	2007/02/04 15:15
S30	42996	objective near2 lens	US-PGPUB; USPAT	OR	ON	2007/02/04 15:27
S31	21954	working near2 (range or distance)	US-PGPUB; USPAT	OR	ON	2007/02/04 15:27
S32	23213	moving near2 (range or distance)	US-PGPUB; USPAT	OR	ON	2007/02/04 15:27
S33	615	S31 near2 S30	US-PGPUB; USPAT	OR	ON	2007/02/04 15:35
S34	87	S32 near2 S30	US-PGPUB; USPAT	OR	ON	2007/02/04 15:35
S35	44	(set\$4 or establish\$3 or determin\$3) near5 S33	US-PGPUB; USPAT	OR	ON	2007/02/04 15:32

EAST Search History

S36	6	(set\$4 or establish\$3 or determin\$3) near5 S34	US-PGPUB; USPAT	OR	ON	2007/02/04 15:35
S37	2	(S36 or S35) and S13	US-PGPUB; USPAT	OR	ON	2007/02/04 15:33
S38	6	S32 near2 S30 near2 (short\$6 or small\$3)	US-PGPUB; USPAT	OR	ON	2007/02/04 15:34
S39	937	S31 near5 S30	US-PGPUB; USPAT	OR	ON	2007/02/04 15:35
S40	126	S32 near5 S30	US-PGPUB; USPAT	OR	ON	2007/02/04 15:35
S41	15	(set\$4 or establish\$3 or determin\$3) near5 S40	US-PGPUB; USPAT	OR	ON	2007/02/04 15:35
S42	83	(set\$4 or establish\$3 or determin\$3) near5 S39	US-PGPUB; USPAT	OR	ON	2007/02/04 15:35
S44	96	(S41 or S42)	US-PGPUB; USPAT	OR	ON	2007/02/04 15:41
S46	5	(S41 or S42) and S13	US-PGPUB; USPAT	OR	ON	2007/02/04 15:42
S47	212	S13 same S30	US-PGPUB; USPAT	OR	ON	2007/02/04 15:43
S48	182	S47 and "369".clas.	US-PGPUB; USPAT	OR	ON	2007/02/04 15:43
S49	167	S13 same (S30 with (rais\$4 or low\$6 or mov\$4 or up or down or mid\$4 or top or bottom))	US-PGPUB; USPAT	OR	ON	2007/02/04 15:44
S50	163	S13 same (S30 near5 (rais\$4 or low\$6 or mov\$4 or up or down or mid\$4 or top or bottom))	US-PGPUB; USPAT	OR	ON	2007/02/04 15:45
S51	144	S13 same (S30 near2 (rais\$4 or low\$6 or mov\$4 or up or down or mid\$4 or top or bottom))	US-PGPUB; USPAT	OR	ON	2007/02/04 15:45
S53	134	S51 and "369".clas.	US-PGPUB; USPAT	OR	ON	2007/02/04 15:46
S54	81	S51 and (S19 or S20 or S21)	US-PGPUB; USPAT	OR	ON	2007/02/04 16:06
S55	2783	(victor near2 company).as.	US-PGPUB; USPAT	OR	ON	2007/02/04 16:06
S56	509	S55 and "369".clas.	US-PGPUB; USPAT	OR	ON	2007/02/04 16:06
S57	9	S55 and (S19 or S20 or S21)	US-PGPUB; USPAT	OR	ON	2007/02/04 17:13
S58	9	S55 and S13	US-PGPUB; USPAT	OR	ON	2007/02/04 16:07
S59	13	S57 or S58	US-PGPUB; USPAT	OR	ON	2007/02/04 16:07
S61	8	(S57 or S58) and S30	US-PGPUB; USPAT	OR	ON	2007/02/04 16:08

EAST Search History

S62	18	(focus near2 search\$3).ti.	US-PGPUB; USPAT	OR	ON	2007/02/04 16:09
S63	0	S55 and S62	US-PGPUB; USPAT	OR	ON	2007/02/04 16:08
S66	1	"20040130980"	US-PGPUB; USPAT	OR	ON	2007/02/04 16:34
S67	1	"20040081037"	US-PGPUB; USPAT	OR	ON	2007/02/04 16:34
S68	186	S13 and (S19 or S20 or S21)	US-PGPUB; USPAT	OR	ON	2007/02/04 17:15
S69	4	(S13 same (S33 or S34)) and (S19 or S20 or S21)	US-PGPUB; USPAT	OR	ON	2007/02/04 17:14
S70	52	(focus near2 search\$3) near10 (reduc\$5 or short\$6 or low\$6 or decreas\$4) with time	US-PGPUB; USPAT	OR	ON	2007/02/04 17:15
S71	30	S70 and (S19 or S20 or S21)	US-PGPUB; USPAT	OR	ON	2007/02/04 17:35
S74	358	initial\$8 with position with (objective near2 lens)	US-PGPUB; USPAT	OR	ON	2007/02/04 17:34
S75	46	S74 same S13	US-PGPUB; USPAT	OR	ON	2007/02/04 17:30
S76	422	(objective near2 lens) with (middle or midpoint or (mid near2 point))	US-PGPUB; USPAT	OR	ON	2007/02/04 17:35
S77	17	S76 and (S19 or S20 or S21)	US-PGPUB; USPAT	OR	ON	2007/02/04 17:40
S78	0	((lower or bottom or lowermost) near2 postion) with (objective near2 lens)	US-PGPUB; USPAT	OR	ON	2007/02/04 17:40
S79	564	((lower or bottom or lowermost) with (objective near2 lens) with position	US-PGPUB; USPAT	OR	ON	2007/02/04 17:39
S80	170	((lower or bottom or lowermost) near2 position) with (objective near2 lens)	US-PGPUB; USPAT	OR	ON	2007/02/04 17:40
S81	45	S80 and (S19 or S20 or S21)	US-PGPUB; USPAT	OR	ON	2007/02/04 17:40
S82	39	(S80 same (focus or S13)) and (S19 or S20 or S21)	US-PGPUB; USPAT	OR	ON	2007/02/04 17:47
S83	5	((objective near2 lens) with (standby or (stand near2 by))) and (S19 or S20 or S21)	US-PGPUB; USPAT	OR	ON	2007/02/04 17:49
S84	13	((objective near2 lens) with (standby or (stand near2 by))) and "369".clas.	US-PGPUB; USPAT	OR	ON	2007/02/04 17:50
S85	237	((objective near2 lens) with ((neutral or null) near2 position)) and "369".clas.	US-PGPUB; USPAT	OR	ON	2007/02/04 17:51
S86	1	((objective near2 lens) with ((neutral or null) near2 position)) same S13) and "369".clas.	US-PGPUB; USPAT	OR	ON	2007/02/04 17:52
S87	60	((objective near2 lens) with ((neutral or null) near2 position)) same focus) and "369".clas.	US-PGPUB; USPAT	OR	ON	2007/02/04 17:52

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S14	55	((JUN) near2 (NAKANO)).INV.	US-PGPUB; USPAT	OR	ON	2007/02/04 14:15
S15	2	S13 and S14	US-PGPUB; USPAT	OR	ON	2007/02/04 14:56
S17	97	((JUN) near2 (NAKANO)).INV.	EPO; JPO; DERWENT	OR	ON	2007/02/04 14:18
S18	0	S13 and S17	EPO; JPO; DERWENT	OR	ON	2007/02/04 14:18